KAC
KNIGHTS ARMAMENT
KNIGHTS ARMAMENT CO.
JUPITER, FL USA
SR-16

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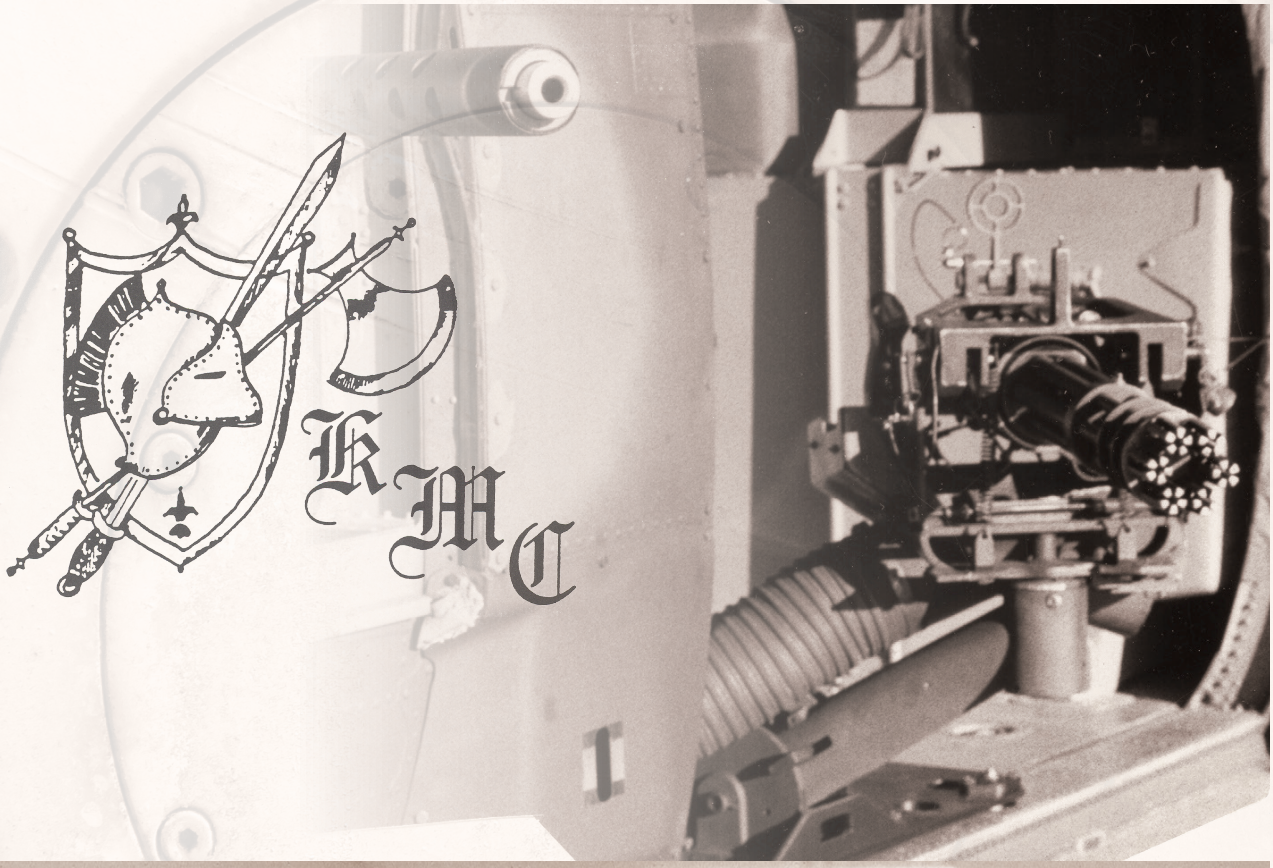

HISTORY

Knight's Armament Company (KAC) was founded in 1982 by C. Reed Knight, Jr. in Vero Beach, Florida, focused on the unique equipment requirements of the Special Operations and Counter-Terrorism communities. Providing customers the ability to rapidly field these equipment solutions required aggressive in-house research, development, design, prototyping, testing, evaluation and manufacturing. Success in these early government programs established Knight's as a premier small arms, accessory, and suppressor designer and manufacturer.

Seeking an expansion in manufacturing capacity due to increased product demand of the Global War on Terrorism, Knight's Armament Company acquired a larger facility in Titusville, Florida in 2002. The present Knight's campus is located on the site of a former Tomahawk missile production site, spanning over 460 acres and with over 600,000 square feet under roof.

The KAC Research & Development department is the driving force behind the company's success. Innovative design concepts are carried from concept to low-rate initial production, undergoing constant evaluation of ability to meet design goals and program requirements. New product development incorporates maximum use of Non-Developmental Items (NDI) and Commercial-Off-The-Shelf (COTS) products where feasible to minimize development time. By reinvesting profits made by manufacturing, enables KAC to maintain its strong research, development, test and evaluation department. With continued testing of manufactured items, KAC is constantly improving its product.

KAC utilizes state of the art software and manufacturing technologies driven by collaborative design review, guided by performance-first decision making. ANSYS software provides engineers with stress analysis, thermal modeling, and mechanism dynamic evaluation of modeled parts. Rapid prototyping allows real-world in-depth examination of components for function and manufacturability. CAD 3D solid modeling and CAM software is used by R&D Engineering Technicians to create solid 3D models, interpret the 3D models into machine programs, and generate tooling requirements for production CNC machining. The Test and Evaluation (T&E) department gathers data in a firing range environment with a variety of evaluation equipment. High speed video paired with ProAnalyst software is used to study the motion of components and to evaluate their position and velocity during functioning. Range test equipment includes rate of fire meters, decibel meters, thermocouples, thermal cameras, pressure transducers, velocity screens, and anemometers to gather test data. Data Acquisition (DAQ) hardware paired with custom LabVIEW software is used extensively during engineering studies, proven to be highly informative in evaluating test results.

Knight's Armament has developed and introduced numerous iconic products over our history, from precision rifle systems to electro-optics. Notable products include the M4 Rail Interface System, the M4 and M5 Rail Adaptor Systems, the Free-Float Rail Adaptor System series of railed handguards, the URX 2 and 3 series of handguards, the integrated barrel nut URX4 handguard systems, the Mk 11 Mod 0 Semi-Auto Sniper Rifle, the M110 Semi-Auto Sniper System, the 5.56mm E3 and E3.2 bolt designs, the QDSS NT-4 suppressor, the XM9 Snap-On suppressor kit, the SR-16 family of rifles, the SR-47 rifle, the AN/PVS-26 and AN/PVS-30 Sniper Night Sights, the AN/PAS-31 Thermal Night Sight, the Mk 23 suppressor, the QDSS-NT4 suppressor, the KAC MP5SD suppressor, the 5.56mm NATO Light Assault Machine Gun, the 7.62mm NATO M110K1 carbine, the KAC 6x35mm Personal Defensive Weapon, and the recently released KS-series of suppressed carbine systems.

The Knight's Armament facility also houses a reference collection of small arms, one of the largest privately held collections in the world. This collection provides direct access by Research and Development teams to a wide variety of concepts and designs for inspiration and evaluation. The collection houses and preserves firearms covering over 300 years of development.

UNIQUE INTEGRATIONS

Knight's Armament Company was one of the first companies to work directly with special operations units to create custom material solutions for unique integration needs. Our ability to design, prototype, test and manufacture in-house ensures that Knight's can develop innovative, responsive solutions that can be quickly fielded. With the majority of R&D and production efforts residing in-house, new/unique item requirements are quickly moved from identified needs to production items, with intimate control of product quality while adhering to delivery schedules.

KAC conceptualized and introduced several products and features that are now ubiquitous with contemporary small-arms. The Modular Weapon System, a revolutionary concept allowing rifles to be configured to mission requirement and user preference, was pioneered by Knight's. To date, over 1,500,000 of these Rail Adaptor Systems have been delivered, permanently altering the way users configure systems to meet their individual needs and preferences.

From quick-detach underslung grenade launcher mounts to integrating inline night-vision devices, Knight's Armament has a long history of developing practical solutions to specialized needs.

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- FLASH REDUCTION
- QUICK DISCONNECT COUPLING
- GATE LATCH
- DIRECT THREAD
- PRESSUE REDUCTION
- HAMMER FORGED
- AMBIDEXTROUS CONTROLS
- MULTILUG BOLT E3.2
- MULTILUG BOLT E3
- 2 STAGE MATCH TRIGGER
- CARBON CUTTER BOLT CARRIER
- M-LOK ACCESSORY MOUNTING SYSTEM
- BELTFED WEAPON
- 7.62MM CALIBER
- 6.5 CREEDMOOR
- 5.56MM CALIBER

ICON KEY

Knight's Armament Company's SR-16 and M110 lines of rifles and carbines are purpose-built systems for professional user groups with high performance requirements. Evolved from previous generations of successfully fielded rifles, performance and sustainability have been even further improved with the Mod 2.6 model lines.

Each configuration has been built to exceed stated requirements, suppressed and unsuppressed, across environmental and performance spectrums. The URX6 handguard system offers not only ample M-LOK negative-space mounting provisions and a comfortable grip profile, it is also notably resistant to shift from impact, while also easily replaceable. The lower receivers have been updated with a functionally mirrored bolt catch and release on both sides of the receiver to compliment the ambidextrous magazine release, selector, and charging handle for true bilateral interface. All models include a 2-stage match trigger suitable for duty use, with a proven service life exceeding 20,000 rounds. KAC's SR-16 and M110 model lines prioritize durability, reliability, and maintainability.

The SR-16 KS-Series of 5.56mm NATO carbines are available in 4 barrel length configurations, each optimized to meet various needs and requirements. The KAC E3.2 bolt improves upon the durability and functionality of our renowned E3 bolt design, directly addressing ejection performance, specifically when using a suppressor with a short-barreled carbine. The KS model line introduces a user-removable trigger guard to simplify the process of changing the trigger guard to accommodate thick gloves or other conditions. Each SR-16 model was born from professional-user programs, resulting in purpose-built solutions to specific 5.56mm carbine requirements, as well as single solutions to cover multiple applications.

The M110 Semi-Automatic Sniper System (SASS) and its variants are current program of record 7.62mm NATO and 6.5mm Creedmoor sniper and sniper support rifles across the US Armed Forces and with international allies. M110 models are available in 6 different caliber and barrel length configurations, each optimized to meet varying needs and requirements. KAC's constant pursuit is reduced weight, optimized length, and improved performance of the platform based on user feedback, defined needs, and robust testing. Every M110 offered has been designed and refined for a specific requirement set, and evaluated and validated to be suitable for the conditions of modern combat.

SR16/M110

SR-16 KS-1

Barrel:	**13.7” (34.8 cm) 1 in 7” (17.8 cm) Twist Cold Hammer Forged 32CrMoV12-10 Dimpled Heavy Profile Chrome Lined**
Caliber:	**5.56 mm NATO**
Weight:	**6.88 lbs (3.12 kg)**
Length:	**30.3” (77 cm) to 33.5” (85.1 cm)**

The Knight’s Armament Company KS-1 is the next step forward in the SR-16 series of improved performance carbines. The self-indexing, high efficiency Mod 2 gas system provides a smooth recoil impulse while retaining exceptional reliability over the life of the barrel. Cold-hammer forged from specifically selected steel alloys and chrome-lined for long life, the free-floated heavy profile ball-mill dimpled KS-1 barrel exceeds the common expectation of a carbine. An evolved dual-ejector design further extends the durability of the E3.2 bolt, ensuring reliability when signature reduction devices are employed. The fully ambidextrous lower receiver incorporates not only a tool-less removable trigger guard, but also houses a refined 2-stage full-auto trigger group. The URX6 handguard system is resistant to impact shift and requires no timing or adhesive for installation.

SR-16 KS-2

Barrel:	**14.5” (36.8 cm) 1 in 7” (17.8 cm) Twist**
	Cold Hammer Forged 32CrMoV12-10
	Light Profile
	Chrome Lined
Caliber:	**5.56 mm NATO**
Weight:	**6.44 lbs (2.92 kg)**
Length:	**31” (78.7 cm) to 34.3” (87.1 cm)**

The Knight’s Armament Company KS-2 the most capable, durable and user-friendly carbine in our history. The URX6 handguard system is resistant to impact shift and requires no timing for installation. The KS-2’s 14.5” chrome lined, 5.56mm NATO barrel is manufactured to military specifications, with a proprietary mid-length gas system that increases reliability and durability while also reducing felt recoil. An evolved dual-ejector design further extends the durability of the E3.2 bolt, ensuring reliability when signature reduction devices are employed. The fully ambidextrous lower receiver incorporates not only a tool-less removable trigger guard, but also houses a refined 2-stage full-auto trigger group.

SR-16 KS-3

Barrel:	**11.5” (29.2 cm) 1 in 7” (17.8 cm) Twist Cold Hammer Forged 32CrMoV12-10 Light Profile Chrome Lined**
Caliber:	**5.56 mm NATO**
Weight:	**6.1 lbs (2.77 kg)**
Length:	**28” (71.1 cm) to 31.3” (79.5 cm)**

The Knight’s Armament Company KS-3 incorporates our latest technology into a compact, maneuverable system. The self-indexing, high efficiency Mod 2 gas system provides a smooth recoil impulse while retaining exceptional reliability over the life of the barrel. The 10.5” URX6 handguard system is resistant to impact shift and requires no timing for installation. The free-floated, Cold-hammer forged, chrome-lined 11.5” barrel exceeds the common expectation of a military-grade carbine. An evolved dual-ejector E3.2 bolt extends durability and ensures reliability when signature reduction devices are employed. The fully ambidextrous lower receiver incorporates not only a tool-less removable trigger guard, but also houses a refined 2-stage full-auto trigger group.

M110K5

Barrel:	**14.5” (36.8 cm) 1 in 10” (25.4 cm) Twist**
	Cold Hammer Forged 32CrMoV12-10
	Hybrid Light Profile
	Chrome Lined
Caliber:	**7.62 mm NATO/.308 Win**
Weight:	**8.34 lbs (3.78 kg)**
Length:	**33” (83.8 cm) to 37.1” (94.3 cm)**

The M110K5 is the latest evolution of the precision dual-role carbine. These rifles are purpose-built to cover a wide swath of critical tasks, from close-range to 800 meter precision fire. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

M110K7

Barrel:	**14.5” (36.8 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5 mm Creedmoor**
Weight:	**8.63lbs (3.91 kg)**
Length:	**33” (83.8 cm) to 37.1” (94.3 cm)**

The M110K7 is the latest evolution of the precision dual-role carbine. These rifles are purpose-built to cover a wide swath of critical tasks, from close-range to 1,000+ meter precision fire. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

M110K3

Barrel:	**16” (40.6 cm) 1 in 10” (25.4 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**7.62 mm NATO/.308 Win**
Weight:	**8.7 lbs (3.95 kg)**
Length:	**34.5” (87.6 cm) to 38.7” (98.3 cm)**

The M110K3 is purpose-built to enable rapid precision fire at mid-range, with a form-factor that is easy to carry, fast to employ, and readily adapted to support a broad array of applications. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

M110K6

Barrel:	**16” (40.6 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5 mm Creedmoor**
Weight:	**8.9 lbs (4.03 kg)**
Length:	**34.5” (87.6 cm) to 38.7” (98.3 cm)**

The M110K6 is purpose-built to enable rapid precision fire at mid-range, with a form-factor that is easy to carry, fast to employ, and readily adapted to support a broad array of applications. Taking advantage of the 6.5mm Creedmoor cartridge, the M110K6 offers ballistic performance exceeding that of a 20” 7.62mm rifle. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

M110A2

Barrel:	**20” (50.8 cm) 1 in 10” (25.4 cm) Twist 5R Cut Rifled ORD 4150 Dimpled Hybrid Medium Profile**
Caliber:	**7.62 mm NATO / .308 Win**
Weight:	**9.42 lbs (4.27 kg)**
Length:	**38.5” (97.8 cm) to 42.5” (108 cm)**

The M110A2 is the latest update of the M110 7.62mm Semi-Automatic Sniper System, readily capable of rapid precision fire on midrange point targets, with a variety of modern upgrades to accuracy, reliability, and user-friendliness. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer the left-handed user the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MIL-STD-1913 rail for easy integration of current and future accessories. KAC 7.62 QDC suppressors are compatible with the included muzzle device.

M110A3

Barrel:	**22” (55.9 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5 mm Creedmoor**
Weight:	**9.89 lbs (4.49 kg)**
Length:	**40.5” (102.9 cm) to 44.4” (112.8 cm)**

The M110A3 is the optimized 6.5mm Creedmoor variant of the Mk11/M110 series of precision rifles, with a 22-inch barrel to maximize the ballistic advantage of intermediate cartridges. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MIL-STD-1913 rail for easy integration of current and future accessories. KAC 7.62 QDC suppressors are compatible with the included muzzle device.

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LAMG

Barrel:	**15” (38.1 cm) 1:7 Twist**
Caliber:	**5.56 mm**
Weight:	**11.4 lbs (5.1 kg)**
Length:	**35.5” (90 cm) to 39” (99 cm)**

The Light Assault Machine Gun (LAMG) from Knight’s Armament Company delivers sustained volume of fire to a mobile assault element. With a low cyclic rate of 550 +/- 25 rounds per minute, and constant-recoil/spring run out operation, it is controllable from the shoulder with minimal burden to the user. The feed tray cover opens to the side, allowing contemporary optics to be mounted without interfering with forward-mounted clip-on devices. Classic machine gun features such as a quick-change barrel, compatibility with M27 links, and M249-type drum attachments are standard.

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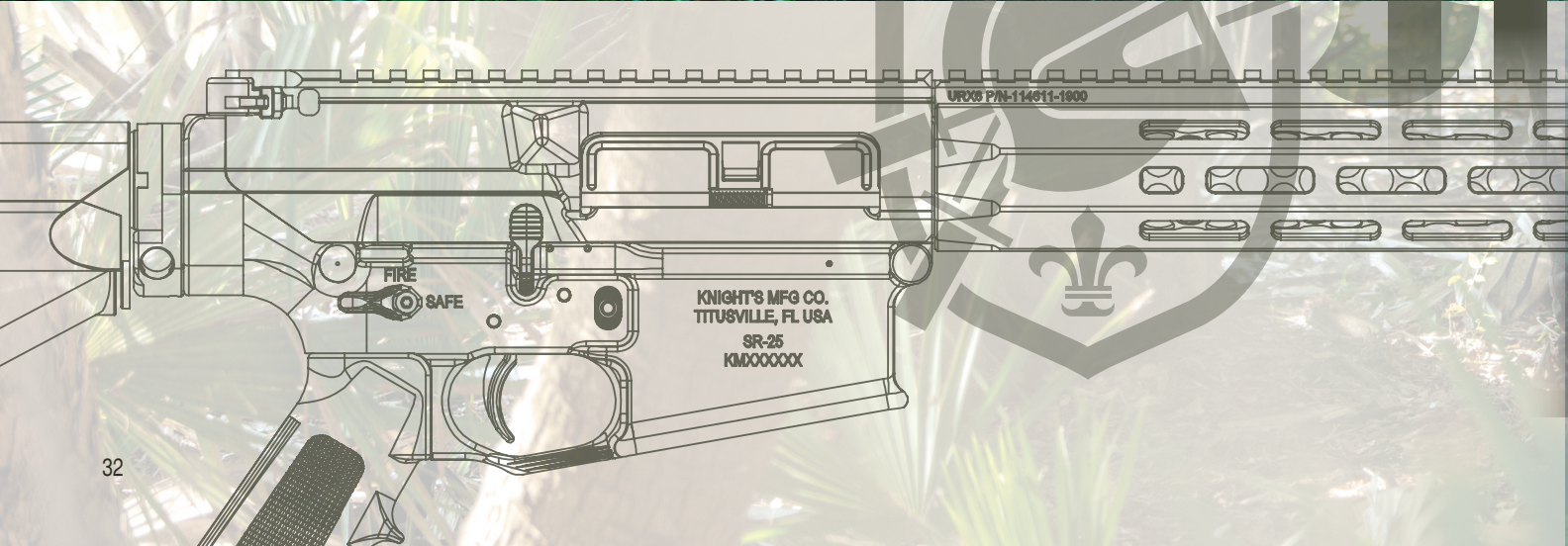
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TITUSVILLE, FL USA
SR-25
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SR15/SR25

The SR-15 and SR-25 Mod 2.6 lines of rifles and carbines are the next step in Knight's continued refinement of the AR-15 platform, with improvements to ergonomics, maintenance procedures, and function. The URX6 handguard system is notably resistant to shift from impact, while also easily replaceable. The lower receivers have been updated with a functionally mirrored bolt catch and release to compliment the ambidextrous magazine release, selector, and charging handle for true bilateral interface.

The KS-Series of 5.56mm SR-15 carbines are available in 4 barrel length configurations, each optimized to meet various needs and requirements. The KAC E3.2 bolt improves upon the durability and functionality of our renowned E3 bolt design, directly addressing ejection performance, specifically when using a suppressor with a short-barreled carbine.

The SR-25 is available in 6 different caliber and barrel length configurations, each optimized to meet various needs and requirements. The SR-25 has been a leader in real-world use of large-frame semi-auto rifles since the late 1990's, and the Mod 2.6 SR-25 line continues that tradition.

Each configuration has been built to exceed stated requirements, suppressed and unsuppressed, across diverse environmental and performance spectrums. Knight's commitment to constant improvement has refined Mr. Eugene Stoner's innovative design to be a new standard in small arms performance.

SR-15 KS-1

Barrel:	**13.7” (34.8 cm) 1 in 7” (2.54 cm) Twist**
	Cold Hammer Forged 32CrMoV12-10
	Dimpled Heavy Profile
	Chrome Lined
Caliber:	**5.56 mm NATO**
Weight:	**6.88 lbs (3.12 kg)**
Length:	**30.3” (77 cm) to 33.5” (85.1 cm)**

The KS-1 features a 13.7” (349mm) heavy profile ball-mill dimpled cold hammer forged barrel. This carbine allows a small, high efficiency suppressor to be attached and still maintain an overall length similar to a 10.3” barrel with a standard suppressor, but with significantly higher muzzle velocity. The heavy profile barrel resist heat-induced shift, maintaining point of impact throughout long-duration use. Ball mill dimpling aids in weight reduction while reducing heat-related shift effect that can be seen with traditional fluting.

SR-15 KS-2

Barrel:	**14.5” (36.8 cm) 1 in 7” (17.8 cm) Twist**
	Cold Hammer Forged 32CrMoV12-10
	Light Profile
	Chrome Lined
Caliber:	**5.56 mm NATO**
Weight:	**6.44 lbs (2.92 kg)**
Length:	**31” (78.7 cm) to 34.3” (87.1 cm)**

The KS-2 features a standard profile 14.5” (368mm) cold hammer forged barrel, the most widely accepted general-purpose carbine barrel length. It is a light weight, high performing, feature-rich option. The 12.75” (324mm) handguard allows multiple devices, such as laser pointers and night vision devices, to be placed on the top rail, in conjunction with the primary optic.

SR-15 KS-3

Barrel:	**11.5” (29.2 cm) 1 in 7” (2.54 cm) Twist Cold Hammer Forged 32CrMoV12-10 Light Profile Chrome Lined**
Caliber:	**5.56 mm NATO**
Weight:	**6.1 lbs (2.77 kg)**
Length:	**28” (71.1 cm) to 31.3” (79.5 cm)**

The KS-3 features a standard profile 11.5” (292mm) cold hammer forged barrel, with an optimal length for those that need a small rifle-caliber carbine. It is easy to stow for transport, unobtrusive to carry, and highly efficient in use. With nearly 100% compatibility with the other KS rifles, it is the recommended choice for a secondary upper receiver for those with KS-1 or KS-2 rifles, or as a primary system for those that require a dependable, small, light carbine.

SR-15 KS-4

Barrel:	**16” (40.64 cm) 1 in 7” (2.54 cm) Twist**
	Cold Hammer Forged CrMoV
	Light Profile
	Chrome Lined
Caliber:	**5.56 mm NATO**
Weight:	**6.62 lbs (3.0 kg)**
Length:	**32.5” (82.6 cm) to 35.75” (90.8 cm)**

The KS-4 features a 16” (406.5mm) cold hammer forged barrel. A 15” (381mm) URX6 handguard fully protects the barrel and gas system, with ample mounting space for large night-vision devices in conjunction with high magnification primary optics, while leaving sufficient room for a suppressor.

SR-25 K5

Barrel:	**14.5” (36.8 cm) 1 in 10” (25.4 cm) Twist**
	Cold Hammer Forged 32CrMoV12-10
	Hybrid Light Profile
	Chrome Lined
Caliber:	**7.62 mm NATO/.308 Win**
Weight:	**8.34 lbs (3.78 kg)**
Length:	**33” (83.8 cm) to 37.1” (94.3 cm)**

The SR-25 K5 is the commercial variant of the M110K5; the latest evolution of the precision dual-role carbine. These rifles are purpose-built to cover a wide swath of critical tasks, from close-range to 800 meter precision fire. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

SR-25 K7

Barrel:	**14.5” (36.8 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5mm Creedmoor**
Weight:	**8.63 lbs (3.91 kg)**
Length:	**33” (83.8 cm) to 37.1” (94.3 cm)**

The SR-25 K7 is the commercial variant of the M110K7; the latest evolution of the precision dual-role carbine. These rifles are purpose-built to cover a wide swath of critical tasks, from close-range to 1,000+ meter precision fire. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

SR-25 K3

Barrel:	**16” (40.6 cm) 1 in 10” (25.4 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**7.62 mm NATO/.308 Win**
Weight:	**8.7 lbs (3.95 kg)**
Length:	**34.5” (87.6 cm) to 38.7” (98.3 cm)**

The SR-25 K3 is the commercial variant of the M110K3; purpose-built to enable rapid precision fire at mid-range, with a form-factor that is easy to carry, fast to employ, and readily adapted to support a broad array of applications. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

SR-25 K6

Barrel:	**16” (40.6 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5 mm Creedmoor**
Weight:	**8.9 lbs (4.03 kg)**
Length:	**34.5” (87.6 cm) to 38.7” (98.3 cm)**

The SR-25 K6 is the commercial variant of the M110K6; purpose-built to enable rapid precision fire at mid-range, with a form-factor that is easy to carry, fast to employ, and readily adapted to support a broad array of applications. Taking advantage of the 6.5mm Creedmoor cartridge, the SR-25 K6 offers ballistic performance exceeding that of a 20” 7.62mm rifle. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MILSTD-1913 rail for easy integration of current and future accessories. The 7.62mm open brake reduces recoil and is compatible with KAC 7.62mm QDC Signature Reduction Devices.

SR-25 A2

Barrel:	**20” (50.8 cm) 1 in 10” (25.4 cm) Twist**
	5R Cut Rifled ORD 4150
	Dimpled Hybrid Medium Profile
Caliber:	**7.62 mm NATO / .308 Win**
Weight:	**9.42 lbs (4.27 kg)**
Length:	**38.5” (97.8 cm) to 42.5” (108 cm)**

The SR-25 A2 is the commercial variant of the M110A2; the latest update of the M110 7.62mm Semi-Automatic Sniper System, readily capable of rapid precision fire on midrange point targets, with a variety of modern upgrades to accuracy, reliability, and user-friendliness. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer the left-handed user the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MIL-STD-1913 rail for easy integration of current and future accessories. KAC 7.62 QDC suppressors are compatible with the included muzzle device.

SR-25 A3

Barrel:	**22” (55.9 cm) 1 in 7.5” (19 cm) Twist 5R Cut Rifled 416R Dimpled Hybrid Medium Profile**
Caliber:	**6.5 mm Creedmoor**
Weight:	**9.89 lbs (4.49 kg)**
Length:	**40.5” (102.9 cm) to 44.4” (112.8 cm)**

The SR-25 A3 is the commercial variant of the M110A3; an optimized 6.5mm Creedmoor evolution of the Mk11/M110 series of precision rifles, with a 22-inch barrel to maximize the ballistic advantage of intermediate cartridges. A high-pressure dual ejector bolt significantly improves suppressed and unsuppressed functionality in adverse conditions, with an extended service life. Fully ambidextrous controls offer left-handed users the ergonomic advantages inherent to the AR-15 format, as well as giving all users alternate methods of manipulation to increase efficiency of movement. A Drop-In 2-Stage Trigger serves as an aid to precision marksmanship. The URX6 handguard is resistant to impact-induced shift and features 7-sides of M-LOK mounting slots and a continuous top MIL-STD-1913 rail for easy integration of current and future accessories. KAC 7.62 QDC suppressors are compatible with the included muzzle device.

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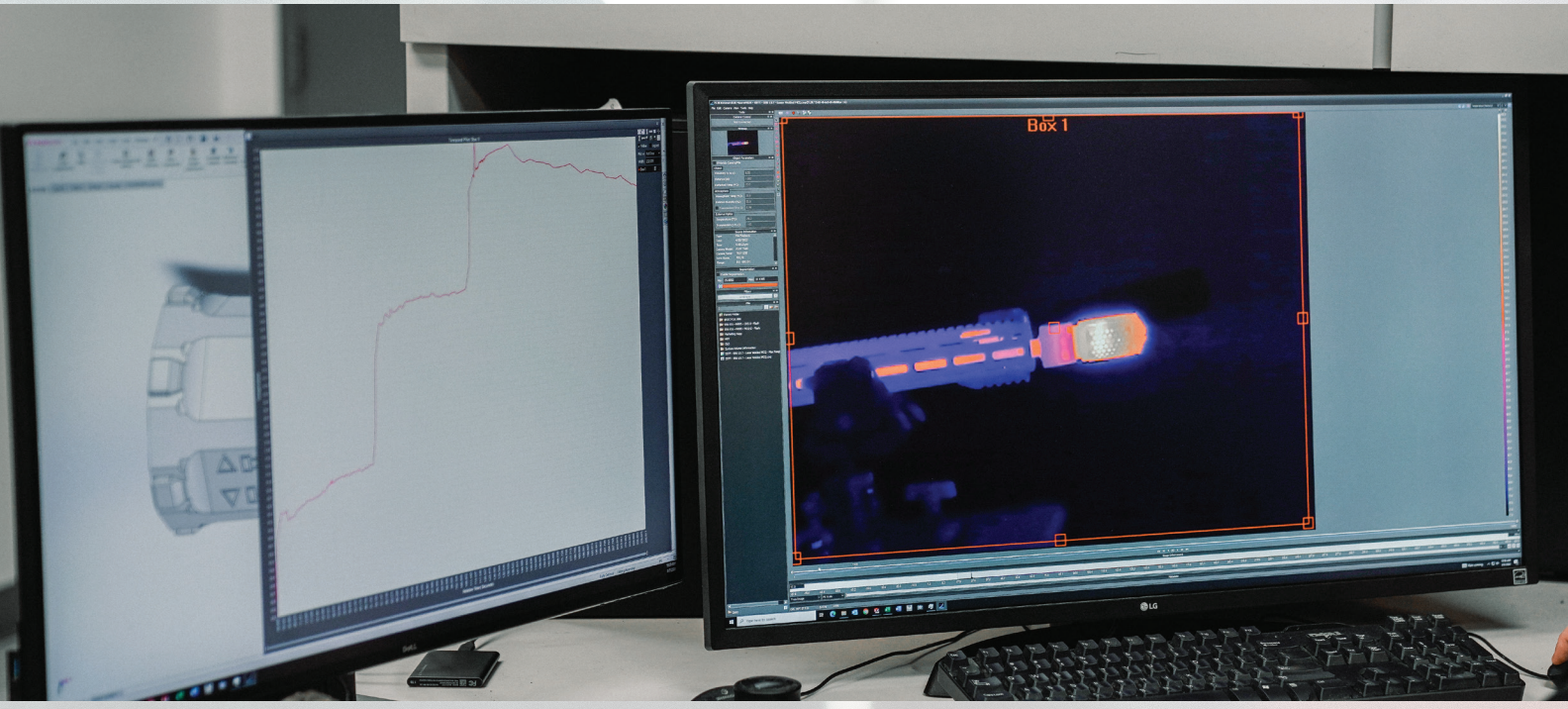
SIGNATURE REDUCTION

Knight's Armament suppressors are designed and built to meet defined requirements for professional users. Our priority is to increase survivability of the user by reducing the signature of the firearm during use, followed closely by reducing the negative effects of suppressor use both on the host system and the user. Signature reduction is characterized by reducing sound and flash. Suppressors, by definition, reduce the acoustic consequence of firearm use, however, in many cases flash (especially first-round flash) is increased. Flash is not only an identifiable signature, it can also degrade the performance of image intensification devices. Suppressor use on a gas-operated system can also have detrimental effect on operation and reliability due to increased residual bore pressure that leads to increased fouling and increased force applied to operating parts. Residual backpressure also increases exposure to harmful gasses and particulates by the user. KAC's current line of suppressors are designed to release retained bore pressure prior to case extraction, greatly reducing backpressure. Our patented Auto-Purge design technology directly addresses first-round flash and first round pop by diverting muzzle pressure to specific areas inside the suppressor to displace combustible gasses from inside the suppressor. Durability and robustness are key attributes for a professional-use suppressor. Additively manufactured from Inconel 718 and specifically designed with the aid of cutting-edge blast analysis and material property simulations to manage high temperatures from high-density use, KAC suppressor durability is second to none.

SUPPRESSOR TECHNOLOGY



Knight's Armament Company has been producing firearm suppressors since the early 1980's. As our history is rooted in providing equipment to specialist user groups, our current product line is a result of feedback from those users and their defined performance requirements.

With a design focus on durability and service life, KAC suppressors have stood the test of time, proving themselves in service around the globe and in every environment. One of the first fielded quick attach/detach suppressors was the Quick Detach Sound Suppressor (QDSS) NT-4, soon followed by the Mk 11 and M110 suppressors, which use a similar latching system. Introduced in the early 2000s, KAC's Quick Disconnect Coupling (QDC) attachment design addressed inherent limitations of the previous generation, delivering consistent mounting position with minimal and consistent impact shift.

Leveraging progress in manufacturing technology and cutting-edge simulation, KAC has further refined and improved our suppressor offerings to meet the defined needs of the professional user. The most specifically addressed points in the development of these suppressors were visual signature reduction, improved thermal management, bore pressure reduction, and service lifespan. Innovative internal geometries, enabled by additive manufacturing, are analyzed through a proprietary computational fluid dynamic (CFD) simulation process to achieve improvement in all attributes.

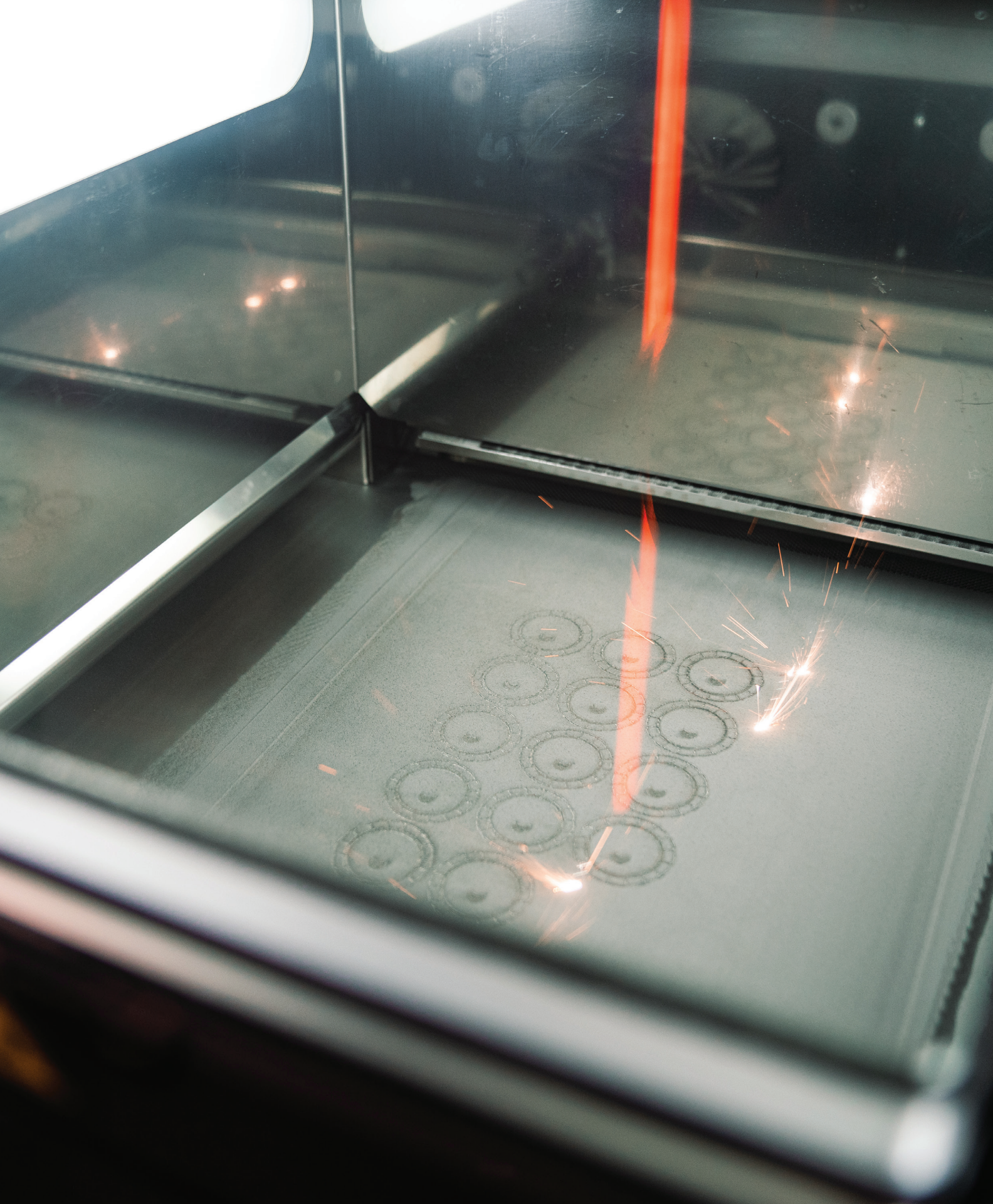
To reduce the negative effects of suppressor use, Pressure Reduction Technology (PRT) suppressors relieve the contained suppressor and bore pressure in the early unlocking and extraction phases of the cycle of operation. This venting process drastically reduces user exposure to harmful combustion gases, reduces the "blowback" effect of residual bore pressure, and decreases internal fouling compared to a traditional baffle design of similar size.

Noise levels are determined through the use of established industry standard equipment, software, and protocols. Emitted impulse noise or Sound Pressure Levels (SPL), measured through a B&K pressure-field microphone and DAQ System, are expressed in A-Weight filtered Decibels (dBA). A-Weighting is used as it is the expression of SPL most directly relative to human perception of sound. KAC tests at two locations to determine SPL; "at muzzle" and "at shooter's ear". "At muzzle" SPL is measured 1 meter away and 90 degrees from the muzzle at a 1.5 meter height. "At-ear" position is 11" to the rear of the trigger and offset 3" to the left of the receiver. The "at muzzle" SPL is the most consistent for comparison and evaluation, as the true "at-ear" SPL will vary due to multiple contributing variables, but both measurements are important for evaluating the sound signature of a suppressor.

A single exposure of a 140 dB event is considered non-damaging to the human ear in an 8-hour period, but a single 140 dB is also the maximum number of exposures in 8 hours that is considered non-damaging. Reducing the SPL increases the number of exposures that stay below the threshold for damage. SPL is logarithmic scale in which every 3 dB increase is a doubling of pressure, and conveniently, 3dB is the threshold for human perception of sound change. The National Institute for Occupational Safety and Health (NIOSH) uses a 3 dB time-intensity tradeoff, which means that for every 3 dB increase in noise level, the allowable exposure time is reduced by half. For example, 8 hours at 85 dBA carries the same auditory risk as 4 hours at 88 dB, or 2 hours at 91 dBA. For impulse noise, such as that from gunfire, reducing the "at ear" SPL to under 130 dBA (under 120 dBA if possible) is recommended if the user will be exposed to multiple occurrences in an 8-hour period. Achieving sub-130 dBA with a firearm will generally require the use of double hearing protection (muffs over in-ear plugs), or single hearing protection in conjunction with a suppressor.

In accordance with protocols established by USSOCOM, flash analysis is conducted using high sample rate photometers to measure radiant intensity in the visible, near-infrared (NIR), short-wave infrared (SWIR), and mid-wave infrared (MWIR) spectrums.

In regards to the visible spectrum, luminous energy, the perceived energy of light, is expressed in millicandela seconds (mcd*s) and is calculated by measuring the emitted luminous intensity, expressed in candelas per square meter (cd/m^2), through the duration of the flash event with respect to time. A rifle with a traditional suppressor will show a first round flash of 10-25 mcd*s, with subsequent shots at 1.5-3 mcd*s. The first round flash is also associated with an increased sound pressure level (SPL) for the first shot.



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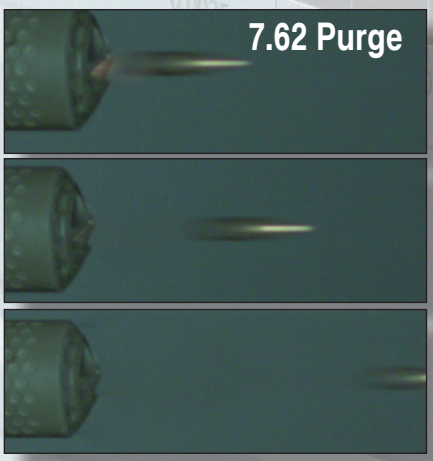
In 2017, KAC began a study to determine and address the cause of first-round flash with suppressor use. The initial solution of purging ambient air out of the suppressor with inert gas was successful in reducing first round flash, but was found be cumbersome for practical use. Through complex computer simulation, a revised solution was found in a novel baffle geometry that utilizes the blast pulse of the contained pressure to precisely mix the gun gasses with ambient air to mitigate the combustion effect within the suppressor. This patented design effectively reduces flash across all measurable spectrums; and eliminates the need for flash suppressant in propellants. KAC's "Auto-Purge" technology (U.S. Patent 12031786) does not impact the operating system or sound pressure levels, but does significantly reduce first round flash and audible "first round pop" found with traditional suppressors.

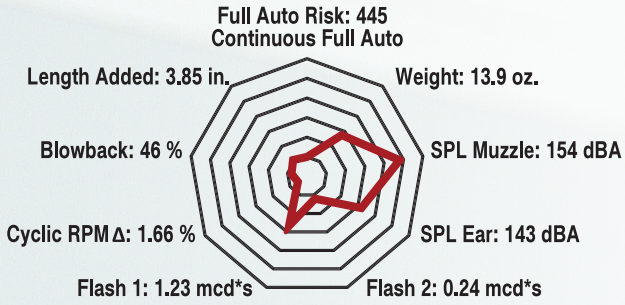


Advancement in simulation, analysis, and manufacturing processes have also contributed to increased service life of KAC's suppressors. Heat is conducted through the monolithic core structure on intentional thermal pathways which minimize traditional "hot spots" that can fail during extreme use. When tested under continuous-fire protocols, these suppressors endure 1.5-2 times the number of rounds fired before failure; and when failure occurs, the structural design ensures that energy is projected downrange, away from the user, with no lateral escape of fragments or debris.

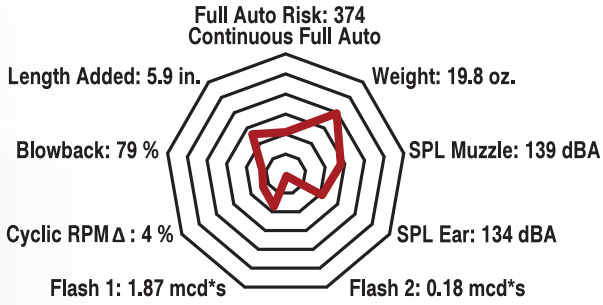
Knight's Armament suppressors are designed, built, and tested to meet the defined requirements of professional user groups. These requirements have shifted and evolved over time, with our primary attribute focus being reduction of the consequences of suppressor use and balancing the reduction of the warfighter's load with reduction of visible and sound signature, while maintaining the durability and service life that KAC suppressors are known for.

PERFORMANCE MATRIX

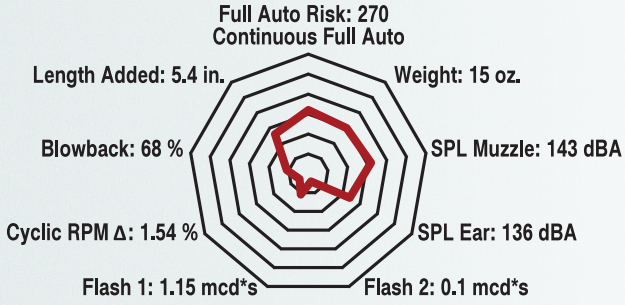
556 MCQ-1



556 NT4-PRG

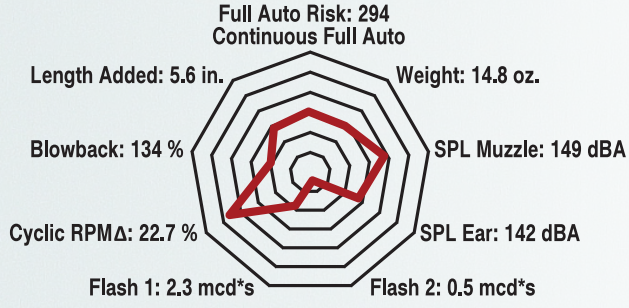


556 CRS-2

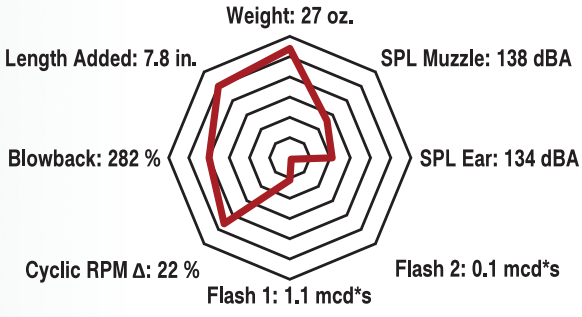


762 DTS-1

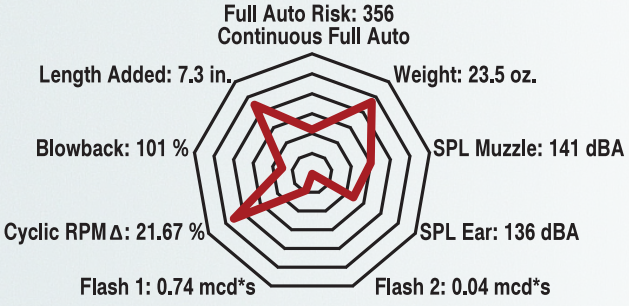
762 CRS-1



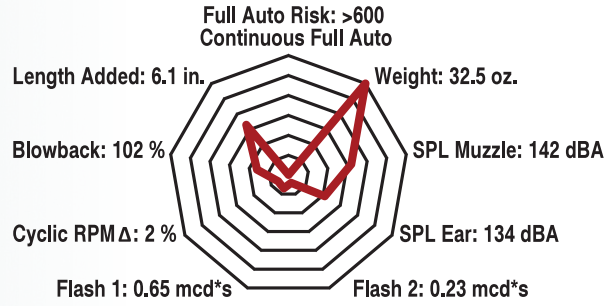
M110-PRG



762 PRS-1



556 MGS-1



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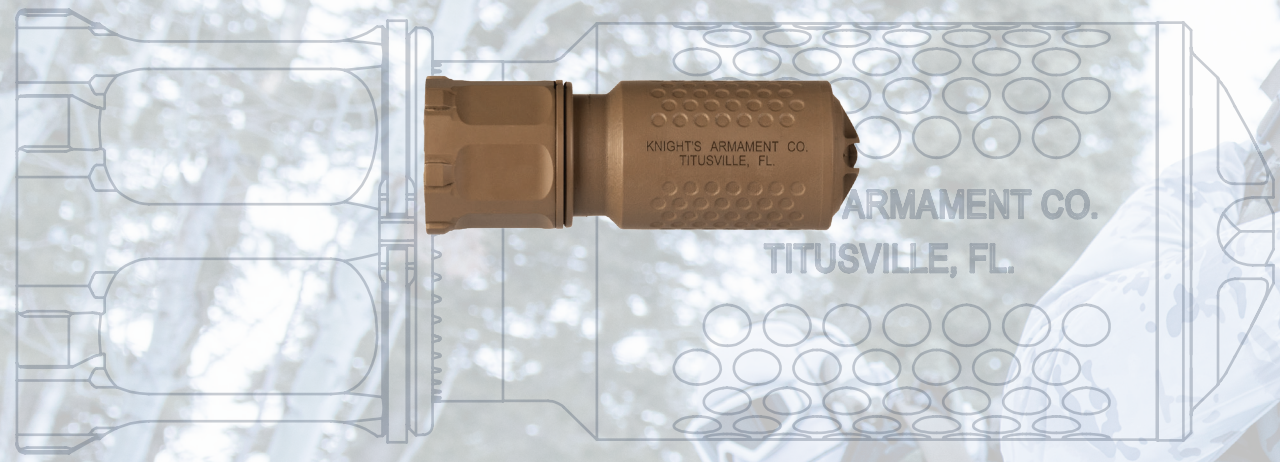
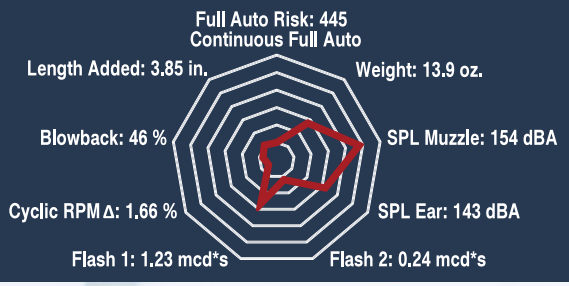
5.56 MCQ-1

PN: 119354



Overall Length:	4.43” (11.3 cm)
Addition to bare muzzle:	3.85” (9.8 cm)
Weight:	13.9 oz (395 g)
SPL 1m Left:	154 dBA
SPL At Ear:	143 dBA
1st Round Flash:	1.23 mcd*s
2nd Round Flash:	0.24 mcd*s

14.5” (36.8 cm) barrel, 3-prong QDC flash hider, M855 ammunition



Initially released in 2022 as the 5.56 QDC/MCQ-PRT. With an additional length of only 2.33” (5.92 cm) beyond a 3-prong QDC flash-hider, added weight of 13.9 oz. (395 g), and the low backpressure of the Pressure Reduction Technology (PRT) design, adding the Mini Close Quarters (MCQ) signature reduction device to a system will have negligible impact to function and handling. Dropping short-barreled rifle SPL to under 145 dBA at ear, common single-layer hearing protection is adequate for comfortable and safe high-density use. Low retained bore pressure ensures that bolt carrier velocity and cyclic rate of fire are nearly identical to unsuppressed use, with significantly reduced noxious gas exposure to the user.

The Quick Detach Coupling (QDC) mounting mechanism ensures minimal and consistent Point of Impact (POI) shift, and is compatible with 5.56mm KAC QDC muzzle devices. A removable protective shroud that integrates with the suppressor locking collar is available. The 5.56 MCQ-1 is recommended for those that prioritize overall system weight and length over sound level. Available in black and FDE.

5.56 CRS-2

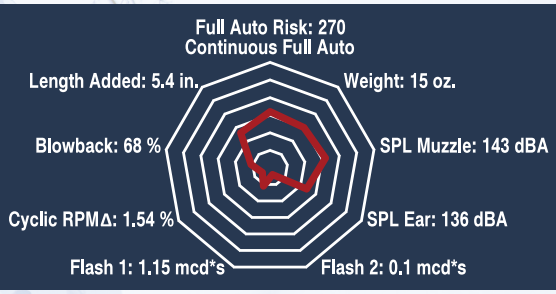
PN: 122708

Introduced in 2024, the full-sized Combat Rifle Suppressor (CRS) was designed to virtually eliminate flash and system backpressure while exceeding the durability that KAC signature reduction devices are known for. Pressure Reduction Technology minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design mitigates acoustic and flash signature, resulting in the elimination of "first round pop" in both flash and sound, with exceptional overall flash reduction.

The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with 5.56mm KAC QDC muzzle devices. A removable protective shroud that integrates with the suppressor locking collar is available. The 5.56 CRS-2 provides the signature reduction in both flash and sound of a standard sized suppressor, without undue weight. Available in black and FDE.

Overall Length:	6.0" (15.25 cm)
Addition to bare muzzle:	5.4" (13.7 cm)
Weight:	15 oz (425.3 g)
SPL 1m Left:	143 dBA
SPL At Ear:	136 dBA
1st Round Flash:	1.15 mcd*s
2nd Round Flash:	0.1 mcd*s

14.5" (36.8 cm) barrel, 3-prong QDC flash hider, M855 ammunition

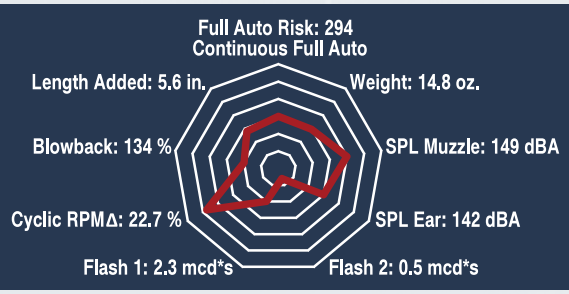


7.62 CRS-1

PN: 121997

Overall Length:	6.3” (16 cm)
Addition to bare muzzle:	5.6” (14.3 cm)
Weight:	14.8 oz (419.6 g)
SPL 1m Left:	149 dBA
SPL At Ear:	142 dBA
1st Round Flash:	2.3 mcd*s
2nd Round Flash:	0.5 mcd*s

16” (40.7 cm) barrel, QDC Open Brake, M118LR ammunition
*May show interference with pre-2017 7.62 MAMS device with an overall length exceeding 3.1”



Introduced in 2024, the 7.62 Combat Rifle Suppressor (CRS) is a mid-sized suppressor that compliments the maneuverability of dual-role carbines, with a focus on weight and size reduction with low backpressure. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. The novel Auto-Purge baffle design mitigates acoustic and flash signature, and eliminates “first round pop” in both flash and sound, with exceptional overall flash reduction.

The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with KAC 7.62mm QDC muzzle devices*. A removable protective shroud that integrates with the suppressor locking collar is available. The 7.62 CRS-1 is recommended for those wanting to reduce the firing signature of a light mid-range precision rifle without the size and weight of a full-size suppressor. Available in black and FDE.

7.62 PRS-1

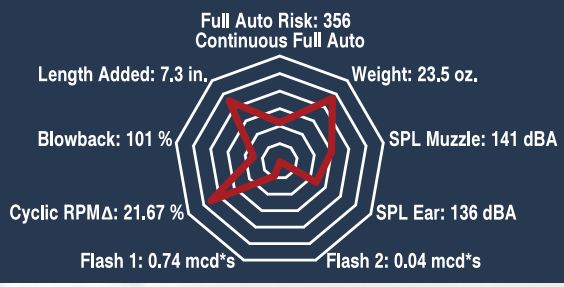
PN: 121568

The 7.62 Precision Rifle Suppressor (PRS) is specifically designed for precision large frame medium-caliber class rifles, with a focus on flash reduction, back pressure reduction, and durability. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. The novel Auto-Purge baffle design mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction. The 7.62 PRS-1 is the 2024 redesignation of the 7.62 QDC/CRS-PRG suppressor.

The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with KAC 7.62mm QDC muzzle devices*. A removable protective shroud that integrates with the suppressor locking collar is available. The 7.62 PRS-1 is recommended for those seeking the sound and flash reduction of a full-sized quick-attach/detach suppressor, with minimal and consistent POI shift, and very low backpressure. Available in black and FDE.

Overall Length:	8.0" (20.4 cm)
Addition to bare muzzle:	7.3" (18.6 cm)
Weight:	23.5oz (667 g)
SPL 1m Left:	141 dBA
SPL At Ear:	136 dBA
1st Round Flash:	0.74 mcd*s
2nd Round Flash:	0.04 mcd*s

16" (40.7 cm) barrel, QDC Open Brake, M118LR ammunition
*May show interference with pre-2017 7.62 MAMS device with an overall length exceeding 3.1"

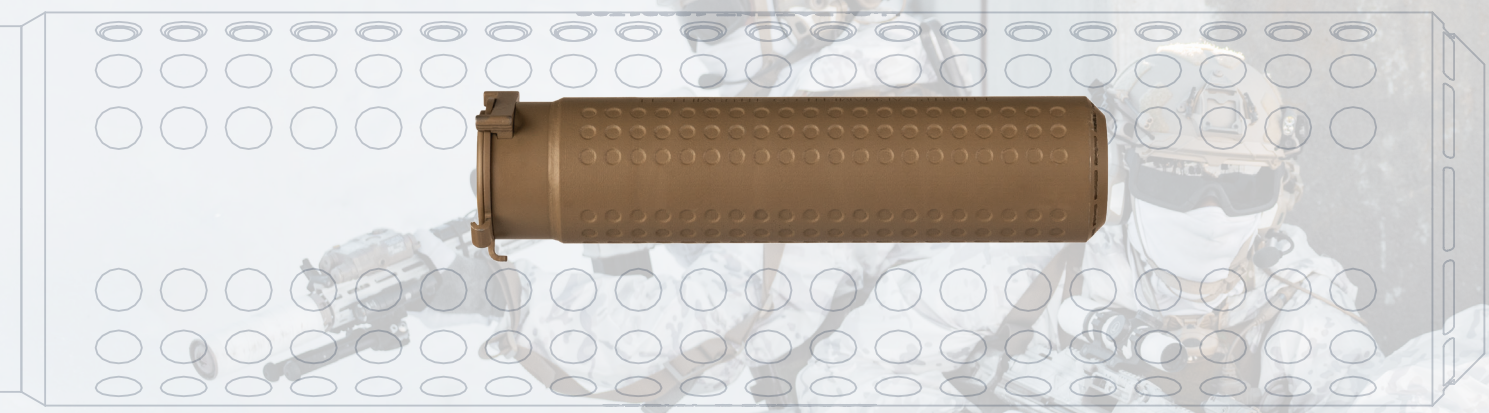


SHROUD

The KAC suppressor shroud addresses the issues of surface heat resulting from extended firing with a suppressed firearm. The shroud mounts to the specifically-designed locking collar of a QDC suppressor, allowing mounting and removal of the suppressor with the shroud attached. Constructed of aluminum, with an ample circulation gap between the suppressor body and the shroud, the surface of the shroud heats slowly and cools quickly. Able to reduce the external surface temperature by up to 300 degrees Fahrenheit, the shroud may be covered by other materials to further reduce mirage or contact hazard that would not normally be suitable for suppressor use due to the burn or melt point of those materials. Mechanically secured to the suppressor locking collar, the shroud will not drift or fall off of the suppressor unintentionally, and requires no secondary attachment point to prevent loss during high-volume firing. Available in black and FDE.

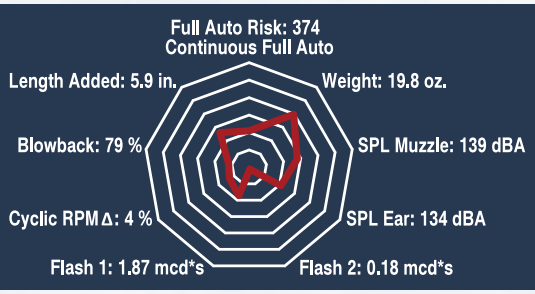
QDSS NT-4 PRG

PN: 121569



Overall Length:	6.4” (16.3 cm)
Addition to bare muzzle:	5.9” (15 cm)
Weight:	19.8 oz (561.3 g)
SPL 1m Left:	139 dBA
SPL At Ear:	134 dBA
1st Round Flash:	1.87 mcd*s
2nd Round Flash:	0.18 mcd*s

14.5” (36.8 cm) barrel, M4QD flash hider, M855 ammunition



Recent advancements in suppressor design and manufacturing have enabled KAC to update the venerable Quick Detach Sound Suppressor (QDSS) NT-4 suppressor with both Pressure Reduction Technology (PRT) and KAC’s patented Purge (PRG) flash reduction. Maintaining the same attachment mechanism and form factor as the legacy QDSS NT-4, superior pressure reduction capabilities are added without sacrificing performance or durability. Potential noxious gases from the rifle being fired are pushed forward of the operator, reducing potential exposure and increasing comfort when firing. First round flash is significantly reduced to reinforce the operator’s signature reduction capability. The host rifle will also benefit from reduced component stress and wear through suppressed firing by allowing the rifle to maintain carrier velocity and rate-of-fire comparable to unsuppressed fire.

Compatible with existing KAC 5.56mm M4QD muzzle devices, the QDSS NT-4 PRG is recommended for those that must maintain the M4QD mount but desire cutting-edge suppressor performance. Available in black and FDE.

7.62 DTS-1 / 1.1

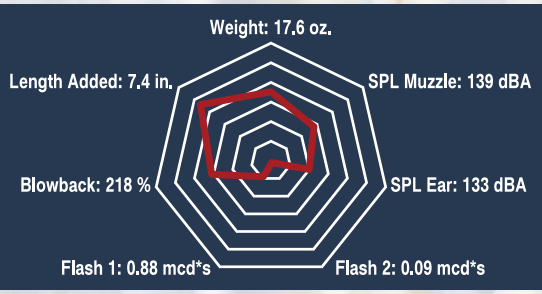
PN: 120333 (3/4-24 KAC THREAD)
PN: 122007 (5/8-24 THREAD)

The 7.62 DTS-1 is a direct-thread suppressor (DTS) primarily intended for precision semi-auto rifles, available for both ¾-24 KAC muzzle threads (muzzle index) and standard 5/8-24 muzzle threads (shoulder index). Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction.

The 7.62 DTS-1 offers the balanced performance of a full-sized suppressor at reduced weight without sacrificing durability. Available in black and FDE.

Overall Length:	8.3" (21.1 cm)
Addition to bare muzzle:	7.4" (18.8 cm)
Weight:	17.6oz (499 g)
SPL 1m Left:	139 dBA
SPL At Ear:	133 dBA
1st Round Flash:	0.88 mcd*s
2nd Round Flash:	0.09 mcd*s

16" (40.7 cm) barrel, M118LR ammunition

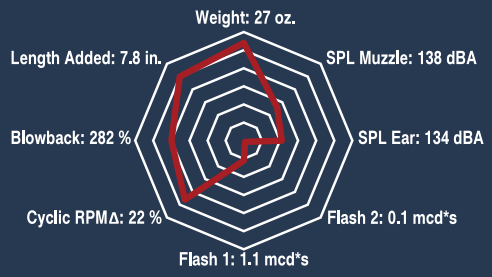


M110-PRG

PN: 119354

Overall Length:	14.2” (36.1 cm)
Addition to bare muzzle:	7.8” (19.9 cm)
Weight:	27 oz (765.5 g)
SPL 1m Left:	138 dBA
SPL At Ear:	134 dBA
1st Round Flash:	1.1 mcd*s
2nd Round Flash:	0.1 mcd*s

20” (50.8 cm) barrel, M110 flash hider, M118LR ammunition
The M110-PRG is compatible only with the M110 SASS with gas-block attachment, 20” barrel, and M110 flash hider



The M110-PRG is a direct replacement of the M110 suppressor, with categorically improved performance. The mounting mechanism of the M110 has been retained to allow use on in-service systems with no alterations needed. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates “first round pop” in both flash and sound, with exceptional overall flash reduction. Compared to the legacy M110 suppressor, the M110-PRG reduces weight by 4 oz (113.4 g), SPL reduction by 3.8 dBA, and 1st/2nd round flash by 10.24 and 1.9 mcd*s respectively, with significantly reduced backpressure and user exposure to harmful fumes.

The M110-PRG is designed to immediately improve suppressed use of the M110 SASS with no effort. Available in black and FDE.

5.56 MGS-1

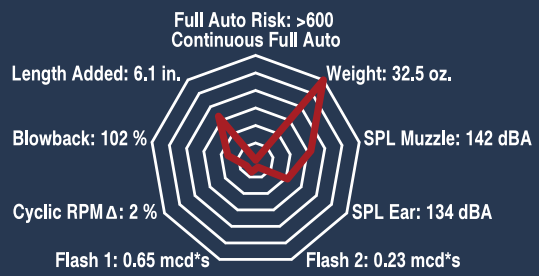
PN: 122708

Designed for high volume fire on belt-fed machine guns, this machine gun suppressor (MGS) is foremost built for durability and reduced backpressure. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction.

Specifically designed for machine gun use, thermal management was a priority in the design of the 5.56 MGS-1, not only to endure a 600-round in 6 minutes firing schedule without damage, but also to prevent degradation of flash performance during heavy use. The 5.56 MGS-1 is recommended for users of 5.56mm machine guns with a need for reduced firing signature during high-volume use without detrimental effect to the host system. Available in black only.

Overall Length:	6.7" (17 cm)
Addition to bare muzzle:	6.1" (15.5 cm)
Weight:	32.5oz (921.4 g)
SPL 1m Left:	142 dBA
SPL At Ear:	134 dBA
1st Round Flash:	0.65 mcd*s
2nd Round Flash:	0.23 mcd*s

15" (38.1 cm) barrel, MGS 3-prong flash hider, M855 ammunition



KAC
KNIGHTS ARMAMENT

5.56 MUZZLE DEVICES

TRIPLE TAP ENHANCED COMPENSATOR

PN: 133001 1/2-28 thread

Weight: 2.6 oz. (74 g)
Length: 1.875" (4.76 cm)
Addition to bare muzzle: 1.25" (3.18 cm) minimum*

***Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL.**

Mounting interface for QDSS suppressors with a protective cap that reduces interior wear to the suppressor. Without a suppressor mounted, the 5.56mm Enhanced Compensator reduces felt recoil and muzzle lift. Additive manufacture Inconel construction.

M4QD FLASH HIDER

PN: 93048 1/2-28 thread

Weight: 2.6 oz. (74 g)
Length: 1.875" (4.76 cm)
Addition to bare muzzle: 1.25" (3.18 cm) minimum*

***Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL.**

Replicates the performance of a standard M16A2 flash hider, with the ability to mount QDSS suppressors. Radial carbon groove reduces carbon lock over extended use.

QDC 3-PRONG FLASH HIDER

PN: 30555 1/2-28 thread

Weight: 2.4 oz. (68 g)
Length: 2.15" (5.46 cm)
Addition to bare muzzle: 1.52" (3.9 cm) minimum*

***Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL.**

Designed to be the primary mounting host for KAC 5.56mm QDC suppressors, the 5.56mm QDC 3-Prong Flash Hider also significantly reduces flash in an unsuppressed state. Will not ring when struck or fired.

7.62 MUZZLE DEVICES

QDC OPEN BRAKE

PN: 115992 KAC 3/4-24 thread // 118899 5/8-24 thread

Weight: 3.3 oz. (94 g)
Length: 2.31" (5.87 cm)
Addition to bare muzzle: 1.57" (3.99 cm) minimum*
with KAC 3/4-24 muzzle thread.
1.69" (4.3 cm) minimum*
with shoulder-index 5/8-24 muzzle thread.

*** Based on .625" (1.6cm) length 5/8-28 muzzle thread. 3/4-24 indexes off muzzle. Indexing shims will increse OAL.**

Designed to be the primary mounting host for KAC 7.62mm QDC suppressors, the 7.62mm QDC Open Brake also reduces wear to the first baffle, extending service life. Available in both KAC 3/4-24 thread and standard 5/8-24 muzzle threads.

QDC 4-SLOT FLASH HIDER

PN: 112954 5/8-24 thread // 111583 1/2-28 thread

Weight: 3.9 oz. (111 g)
Length:2.16" (5.49 cm)
Addition to bare muzzle: 1.53" (3.9 cm) minimum*

*** Based on .625" (1.6 cm) length 5/8-24 muzzle thread, indexing shims will increase OAL.**

Flash hider mount for KAC 7.62mm QDC suppressors. Available in both 1/2-28 thread and 5/8-24 thread.

Knight's Armament has been a driving force in user interface improvements for small arms since the mid 1980's. While watching the televised events unfolding during Operation Urgent Fury, C. Reed Knight Jr. envisioned a more refined solution than the hose clamps and duct tape that service members were using to attach flashlights and accessories to rifles. This concept would evolve into the Rail Interface System and Rail Accessory System replacement handguards for the M16 and M4, revolutionizing individual customization and fitment of the individual rifle/carbine. KAC continues to develop and improve the method by which the individual user interacts with their firearm, from handguards and adaptor components to low-profile back-up sights.

ACCESSORIES

KNIGHT'S ARMAMENT CO.
TITUSVILLE,FL
USA

SIGHTS

MICRO FLIP UP FRONT SIGHT

PN: 25654 NSN: 1005-01-601-5576

Reduced mount profile standard height flip-up front sight. Sight post adjusts without tools. MIL-STD-1913 attachment. Compatible with standard height rear sights.

FOLDING M4 FRONT SIGHT

PN: 99051 (Black) // 99051-TAU (Taupe)

Original SOPMOD program front sight. Available in Black & Taupe. MIL-STD-1913 attachment. Compatible with standard height rear sights.

MICRO 600M FLIP UP REAR SIGHT

PN: 25650 NSN: 1005-01-601-5578

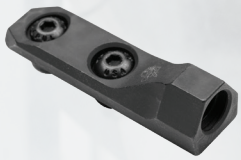
Reduced profile and width flip-up rear sight with ballistic elevation adjustment for 200-600 meters. MIL-STD-1913 attachment. Compatible with standard height front sights.

45º OFFSET SIGHT KIT

PN: 31593

Rear sight is adjustable for deflection as well as elevation for ballistic compensation from 200-600M. Front sight post is adjustable without tools. Right or left side orientation. MIL-STD-193 attachment.

ACCESSORIES



QD MOUNT, LOW PROFILE
PN: 113879

QD socket mount to move sling rearward on the handguard while maintianing the lowest possible profile. Steel construction.

INDEX STOP
PN: 113886

Low profile reference point for the support hand to aid in consistent grip and hand position. Can be used as a mid-point barricade support. 1.3" (33mm) tall. Aluminum construction.

RAIL, 4 SLOT, QD MOUNT
PN: 113900

3" (76mm) long 4 slot section of MIL-STD-1913 Picatinny rail for the addition of legacy accessories, with integrated QD sling swivel socket. Aluminum construction.

RAIL ASSY, 11 SLOT, M-LOK
PN: 117533

MIL-STD 1913 rail with MLOK attachment. 11 slot length, with integrated QD sockets.

RAIL ASSY, 20 SLOT, M-LOK
PN: 117532

MIL-STD 1913 rail with MLOK attachment. 20 slot length, with integrated QD sockets.

RAIL MOUNT ANTI-CANT DEVICE
PN: 114294

Bubble level reference to ensure correct orientation of rifle for increased consistency. Compact enough to fit under most optics with no side protrusion/snag hazard.

QD BIPOD MOUNT, 17S (FOR ATLAS)
PN: 117553

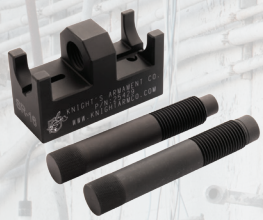
17S footprint attaches to bipods such as Atlas with a 17S mount attachment. Push-button lock allows one-handed repositioning of the bipod on a MIL-STD 1913 accessory rail.

QD BIPOD MOUNT SWIVEL
PN: 30526

Quick detach bipod mount that fits any MIL-STD-1913 rail. Allows limited swivel movement along the barrel's axis. Compatible with Harris S-Series Bipods only.

AIMPOINT MICRO 45º REVERSIBLE OFFSET RAIL MOUNT
PN: 115601

MIL-STD 1913 mount for Aimpoint Micro footprint sights. Places the optic at a 45 degree offset from the primary optic.



FIELD EJECTOR REPLACEMENT FIXTURE
PN: 25429

Assists in armorer removal and installation of ejectors in both SR-16/15 and M110/SR-25 bolts. *KAC Armorer certification required to maintain warranty.*

BOLT, ASSEMBLY, M110/SR-25 PATTERN, E2 MOD 1, WIDE
PN: 114882

Replacement high pressure bolt for KAC 6.5mm Creedmoor rifles. Compatible only with high pressure bolt carrier and high pressure firing pin. Always confirm headspace prior to use.

BOLT KIT, SR-16/15 E3 DUAL EJECTOR
PN: 122054

Replacement SR-16/15 E3.2 bolt kit. Compatible only with KAC SR-16/15 barrel extension. Always confirm headspace prior to use.

BOLT CARRIER GROUP, SR-25 PATTERN, E2 MOD1
PN: 123084

Bolt carrier group, KAC 6.5mm Creedmoor. Includes high pressure bolt, high pressure firing pin, firing pin spring, cam pin, high pressure bolt carrier. Backward compatible with M110/SR-25 7.62/.308 Win rifles.

FIELD REPAIR KIT, SR-16/15 E3 DUAL EJECTOR
PN: 121261

Repair parts for the SR-16/15 E3.2 bolt.

FIELD REPAIR KIT, M110/SR-25 E2 MOD 1 WIDE DUAL EJECTOR
PN: 116748

Repair parts for the M110/SR-25 high pressure bolt (114882).

TOOL KIT, URX6, MOD 2, UNIVERSAL
PN: 122659

Tools for removal/install; muzzle device, gas block, gas tube, URX6 handguard, URX6 barrel nut, receiver extension, on SR-16/15 and M110/SR-25 Mod 2.6 model lines. *KAC Armorer certification required to maintain warranty.*

KAC
KNIGHTS ARMAMENT

Knight Vision (KVC) revolutionized limited visibility target acquisition and precision engagement by providing a clip-on inline device that works in conjunction with the user's mounted day optic that does incur a shift in point of impact. From the PVS-22 to the PVS-30, Knight's is the current program of record holder for image intensification sniper night sights. KVC continues to expand on the success of these programs by addressing system size and weight balanced against performance requirements. Devices suitable for systems ranging from mid-range carbines to long-range precision rifles are available. The patented "wedge window" alignment technology ensures minimal point of impact shift over the life of the device.

KNIGHT VISION

ICON KEY

BORESIGHT ACCURACY RETENTION (BAR)

IMAGE INTENSIFIED I^2

WHITE PHOSPHOR IMAGE INTENSIFIED

MEDIUM RANGE

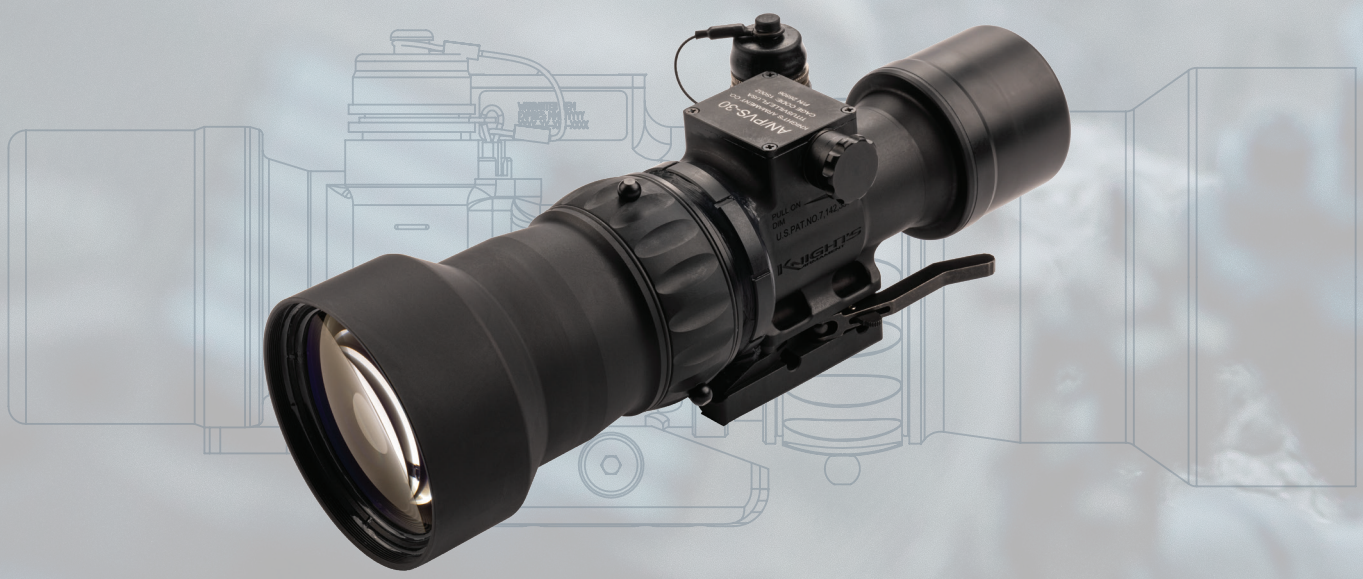
AA BATTERY

CR 123 BATTERY

WATERPROOF

UNITY POWERED

PVS-30



Size:	**9.58" (243mm) long, 3.5" (89mm) high, 1.5" (38mm) to optical centerline**	
Weight:	**2.9 lbs. (1.32 kg)**	
Lens Design:	**120MM Refractive Telephoto Lens**	
Range:	**Recognize a Standing Man under Starlight:**	**>800 m**
	Recognize a Standing Man under 1/4 Moon:	**>1000 m**
	Recognize a Vehicle Under Starlight:	**>1000 m**
	Recognize a Vehicle under 1/4 Moon:	**>1500 m**

The UNS™ LR LP clip-on weapon sight, Type Classified as AN/PVS-30, enhances the capability of most rifle and day scopes by providing high-performance Gen3 light intensification night vision. This model is currently in production for the US Army for use with the Knight's Armament Company Semi-Automatic Sniper System (SASS), and other long range precision rifles. The patented technology provides for minimal shift (+/- 0.5 MOA) from daytime boresight.

UNS-LR A3

Size:	**9.44” (240mm) long, 3.28”(83mm) high, 1.50”(38mm) to optical centerline**
Weight:	**2.1 lbs (0.95 kg) with one AA battery and lens cover**
Lens Design:	**120MM Refractive Telephoto Lens**
Range:	**Recognize a Standing Man under Starlight: >800 m**
	Recognize a Standing Man under 1/4 Moon: >1000 m
	Recognize a Vehicle Under Starlight: >1000 m
	Recognize a Vehicle under 1/4 Moon: >1500 m

The UNS-LR A3 clip-on inline night sight is the improved version of the AN/PVS-30. From its patented technology capable of retaining the day scope’s zero to the low battery consumption, it has proven itself continuously during real-world operations with its dependability and reliability. Initially, Knight Vision set out to reduce weight as much as possible from the PVS-30 without sacrificing performance. This led to an improved housing and lenses to reduce overall size and updated controls for focus and brightness all based on user feedback from the field. The UNS-LR A3 uses cutting edge image intensification technology and are available with green or white phosphor tubes. This updated version provides a lighter, more compact inline night sight while retaining or exceeding the capabilities of the AN/PVS-30.

UNS-A3

Size:	**7.4” (188mm) long, 3.3” (84mm) high, 1.5” (38mm) to optical centerline**	
Weight:	**1.8 lbs. (.80 kg) with one AA battery and lens cover**	
Lens Design:	**62 mm Refractive Telephoto Lens Design**	
Range:	**Recognize a Standing Man under Starlight:**	**>500 m**
	Recognize a Standing Man under 1/4 Moon:	**>700 m**
	Recognize a Vehicle Under Starlight:	**>850 m**
	Recognize a Vehicle under 1/4 Moon:	**>1000 m**

The UNS-A3 Clip-on Weapon Sight adds night capability to the exisiting day scope. Performance is on par with the PVS-22 with reduced bulk. The UNS-A3 utilizes the high performance GEN 3 intensifier tube in a proven design, where the refractive lens provides light collection in a lightweight design. The Knight Vision patented technology assures the accuracy of your range-tested day scope will not be degraded when the UNS-A3 is added in front of your existing optic. The UNS-A3 is designed for weapons such as the M4, M16, SR25 and similarly configured rifles.

LEUPOLD

ITAR
International Traffic in Arm Regulations

ITAR STATEMENT: These item(s) are firearm or defense related goods. Export of the goods described herein is strictly prohibited without a valid export license issued by the US Department of State, Directorate of Defense Trade Controls as prescribed in International Traffic in Arms Regulation (ITAR), code of federal regulations, Title 22, Parts 120- 130. CAGE Code 1S002

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"Purge", "Auto-Purge", "PRG" ™ trademarked Knight's Armament Company 2024

U.S. PATENT 12031786 "Auto Purge Suppressor" covers reduction of first round flash with use of a firearm suppressor by manipulation of gas flow through a channel to deposit a predetermined amount combustion gas ahead of the fired projectile inside the suppressor.

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